NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

NAME Union Oil Company of California

ADDRESS Attn: John Zager
P.O. Box 196247
Anchorage, AK 99519-6247

FACILITY Trading Bay Production Facility
LOCATION Cook Inlet, Alaska

AKG-31-5002 015 PERMIT NUMBER DISCHARGE NUMBER MONITORING PERIOD YEAR МО DAY YEAR DAY 08 10 01 TO 08 10 31 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

					(20-21) (22-23)	(24-25)	(26-27) (28-29)	(30-31)	1	NOTE: Read instructions b	afana aamminiinu Ahia famu		
PARAMETER (32-37)		(3 Card Only) (46-53)	QUANTITY OR LOADING (54-61)		(4 Card Only) (38-45)	QUALITY OR CONCE (46-53)	NTRATION (54-61)		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM UNITS		(62-63)	(64-68)	(69-70)		
015	SAMPLE												
Produced Water	MEASUREMENT	4.270583	4.622982	MGD			1	<u> </u>		Weekly	Estimate		
Flow Rate*	PERMIT												
	REQUIREMENT	Report	Report	MGD						Weekly	Estimate		
015	SAMPLE			Ì									
Produced Water	MEASUREMENT						No Discharge						
Produced Sand	PERMIT												
	REQUIREMENT						No Discharge						
015	SAMPLE								•				
Produced Water	MEASUREMENT	<u> </u>			7.0		7.2 su			Weekly	Grab		
oH**	PERMIT												
Flow Rate >1 mgd	REQUIREMENT				6		9	SII		Vyeekly	Grab.		
015	SAMPLE												
Produced Water	MEASUREMENT	1				17	18	mg/I		Weekly	Grab Average		
Oil and Grease***	PERMET												
	REQUIREMENT					29	42	mg/l		Weekly	Grab:Average		
015	SAMPLE							3,7,1,1			Control of the Contro		
Produced Water	MEASUREMENT	1				3	3	μg/l		Monthly	Grab		
Copper	PERMIT												
	REQUIREMENT					47	117	μg/l		Monthly	Grab		
)15	SAMPLE				120000000000000000000000000000000000000	<u> </u>		20-12-1- 1703 25-1-1-1-1					
Produced Water	MEASUREMENT	1	[]			2	2	mg/l		Monthly	Grab		
Manganese	PERMIT								22(2):23:23:2	::::::::::::::::::::::::::::::::::::::	201001010101010101010101		
	REQUIREMENT					25	50	mg/l		Monthly	Grab		
015	SAMPLE		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			**************************************	-1-1-1-1-1-1-1-1-292-1-1-1-1-1-1-1-1-1-1		<u>(*1*1*(*;</u> *1*1	14444444444444444444444444444444444444	p		
Produced Water	MEASUREMENT					0,2	0.2	ug/I		Monthly	Grab		
Mercury	PERMIT							9999999		1935	GREEN CONTROL		
	REQUIREMENT					0.6	10	uc/f		Monthly	Ġrab		
015	SAMPLE			<u> </u>	<u> </u>				(*),*(),*(),*()	Harrist Manager Commencer	<u> </u>		
Produced Water	MEASUREMENT					1	1	ug/l		Monthly	Grab		
Silver	PERMIT							ug/i		ivioritatiy Nexastanasistinasistanasis	Grap Historial Historia		
	REQUIREMENT					23	47	uc/		Monthly	Grab		
15	SAMPLE	14.4340404040404040404040404		1-	<u> </u>	accommesticiti	<u>;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;</u>	on on Publishing		ះនេះប្រជាជនរដ្ឋសម្រាប់ក្រុមប្រជាជនរដ្ឋានប្រែប្រែ	<u>ારા પ્રાથમિક સ્ટારિક સ્ટિક્ટર્સ સ્ટેક્ટર્સ સ્ટિક્ટર્સ સ્ટિક્ટ સ્ટિક્ટર્સ સ્ટિક્ટર્સ સ્ટિક્ટર્સ સ્ટિક્ટર્સ સ્ટિક્ટર્સ સ્ટિક્ટ સ્ટિક સ્ટિક્ટ સ્ટિક્ટ સ્ટિક્ટ સ્ટિક્ટ સ્ટિક્ટ સ્ટિક સ્ટિક્ટ સ્ટિક સ્ટિક્ટ સ્ટિક </u>		
Produced Water	MEASUREMENT					0.01	0.01			Monthly	Crah		
inc	PERMIT			40000000000			U.UT :	mg/l		Monthly	Grab		
	REQUIREMENT					0.9	f 9						
								mg/l		Monthly	Greb		
		1	ertify under penalty of law that this document and all attachments were prepared under							TELEPHONE	DATE		
		ı	ry direction or supervision in accordance with a system designed to assure that qualified			1 / / O N			(007) 670 7000	00 44 00			
		ersonnel properly gather and evaluate the information submitted. Based on my inquiry of							(907) 276-7600	08 11 20			
			erson or persons who manage the system, or those persons directly responsible for sring the information, the information submitted is, to the best of my knowledge and belief.			,	Dale A. Haines						
Mid Continent/Alaska Business Unit					, .		SIGNATU						
		true, accurate, and complete. I am aware that there are significant penalties for submitting				PRINCIPAL EXEC		R	AREA NUMBER	YEAR MO DA			
TYPED OR PRINTED	LOF ANY VIOLATIONS		uding the possibility of	fine and impr	isonment for knowing violation	ons.	OR AUTHORIZ	ZED AGENT		CODE			

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

See Trading Bay Production Facility Page 3 of 3 for comments.

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NOTE: Read instructions before completing this form.

NAME Union Oil Company of California

ADDRESS Attn: John Zager
P.O. Box 196247

Anchorage, AK 99519-6247

FACILITY Trading Bay Production Facility
LOCATION Cook Inlet. Alaska

(2-16) (17-19)

AKG-31-5002 015

PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD

YEAR DAY МО YEAR МО DAY 08 10 01 TO 08 10 31 (24-25) (20-21) (22-23) (26-27) (28-29) (30-31)

		···			(20-21) (22-23)	(24-25)	(26-27) (28-29) (30-31)			NOTE. Read	etote courb	fore completing this form.		
PARAMETER		(3 Card Only)	QUANTITY OR LOADING (54-61)		(4 Card Only)	QUALITY OR CONCE	NTRATION		NO.	FREQUENCY		SAMP		Ξ
(32-37)		(46-53)			(38-45)	(46-53)	(54-61)		EX	OF At	OF ANALYSIS		TYPE	
		AVERAGE	MAXIMUM	STINU	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(6-	L-68)	İ	(69-70)	
015	SAMPLE													
Produced Water	MEASUREMENT					8	8	mg/L		Mo	nthly		Grab	
TAH	PERMIT													
	REQUIREMENT					18	27	mg/L		Mo	nthiy		Grab	
015	SAMPLE													
Produced Water	MEASUREMENT			,		8	8	mg/l		Mo	nthly		Grab	
TAqH	PERMIT													
	REQUIREMENT					Report	Report	mg/L		Mo	nthly.		Grab.	
015	SAMPLE											1		
Produced Water	MEASUREMENT					0.455	0.455	mg/l		Qua	rterly		Grab	
Total Ammonia	PERMIT													
	REQUIREMENT					Report	Report.	mg/l		Que	rterly		Grab.	
015	SAMPLE													
Produced Water	MEASUREMENT					No Sample	No Sample	TUC		Qua	rterly	<u> </u>	Grab	
Whole Effluent Toxicity	PERMIT													
Mytilis sp.*	REQUIREMENT					283	568	TUG		Qua	rterly:		Grab	
015	SAMPLE	-						1						
Produced Water	MEASUREMENT					No Sample	No Sample	TUC		Anr	ually		Grab	
Whole Effluent Toxicity	PERMIT													
Dendraster excentricus	REQUIREMENT					283	568	TUC		Anr	ually		Grab	
015	SAMPLE													
Produced Water	MEASUREMENT					No Sample	No Sample	TUC		Anr	ually		Grab	
Whole Effluent Toxicity	PERMIT													
Menidia beryllina	REQUIREMENT					283	568	TUC		Anr	ually		Grab	
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AME/TITLE PRINCIPAL EXECUT					achments were prepared ur		- A	\d		1 E L E	HONE	1	DATE	
*		my direction or supervision in accordance with a system designed to assure that qualific				Date A. Haines			(007) 0	76 7 600	08	11	20	
		personnel properly gather and evaluate the information submitted. Based on my inquite the person or persons who manage the system, or those persons directly responsible to							7	(907) 276-7600		00	11	20
Mid Continent/Alaska E	_													
mid Comment/Alaska E	li li	-			the best of my knowledge a		SIGNATI.		_	4051	N0 0 / 0 C C	\ \rac{1}{2}	uc.	
7/252 02 22					ignificant penalties for subm	· 1	PRINCIPAL EXEC		ĸ	AREA	NUMBER	YEAR	МО	DA
TYPED OR PRINTED					sonment for knowing violation		OR AUTHORI	ZEU AGENT		CODE		li_	1	
OMMENTS AND EXPLANATION	OF ANY VIOLATIONS	(Reference all attach	ments here)		*Identified as the most sensi	itive species.								

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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TO 08 10 31 (26-27) (28-29) (30-31)

(17-19)

015

DISCHARGE NUMBER

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COMMENTS PAGE 3 OF 3

* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms. Estimated workover fluid flow rate: 0.019320 MGD

Estimated well treatment fluid flow rate:

0.039201 MGD

** Frequency of pH measurement has been increased to more closely monitor water quality.

*** Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under	201	TELEPHONE		DATE		
John Zager	my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of	791	(907) 276-7600		08	11	20
General Manager	the person or persons who manage the system, or those persons directly responsible for	Dale A. Haines					
Mid Continent/Alaska Business Unit	gathering the information, the information submitted is, to the best of my knowledge and belief.	SIGNATURE OF	1				
	true, accurate, and complete. I am aware that there are significant penalties for submitting	PRINCIPAL EXECUTIVE OFFICER	AREA	NUMBER	YEAR	MO	DA
TYPED OR PRINTED	false information, including the possibility of fine and imprisonment for knowing violations.	OR AUTHORIZED AGENT	CODE	!] .		

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)